

PERMIT TO CONSTRUCT (PTC) APPLICATION For Hot-Mix Asphalt Plants

FORM AQ-F-P007

PTC APPLICATION OVERVIEW

This application is for the construction and operation of portable and stationary hot-mix asphalt plants in all areas of Idaho except the Sandpoint PM₁₀ nonattainment area. If you are planning to locate in the Sandpoint PM₁₀ nonattainment area, prior to submitting an application please call 208-373-0502 and ask to speak with the Air Quality Permit Coordinator for the Coeur d'Alene region.

PTC APPLICATION INSTRUCTIONS

1. **Application.** Complete the attached PTC application.
2. **Portable Equipment Registration and Relocation Form.** Complete the Portable Equipment Registration and Relocation Form (PERF). An electronic copy of the PERF can be obtained from the DEQ website http://www.deq.idaho.gov/air/permits_forms/forms/forms.cfm. It is important to be aware that in addition to being submitted with this PTC application, a PERF must also be completed and filed at DEQ at least 10 days in advance of relocating any of the equipment covered in this application.
3. **Fees.** In accordance with the *Rules for the Control of Air Pollution in Idaho* (IDAPA 58.01.01.224 and .226), DEQ cannot process this application unless it is accompanied by a one thousand dollar (\$1,000) application fee. If the purpose of this permit is to change the name or ownership of the holder of a PTC when DEQ determines no other review or analysis is required, the application fee is waived. The rules can be accessed through the DEQ website http://www.deq.idaho.gov/rules/admin_rules.cfm#links.
4. **Mail.** Please mail the completed PTC application, PERF form, and the \$1,000 application fee to the address below. The processing of this PTC application cannot commence without payment.

Department of Environmental Quality
Permit to Construct Fees – Fiscal Office
1410 North Hilton
Boise, ID 83706-1255

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Please be sure to read the instructions on page one prior to completing this application form.

GENERAL INFORMATION

Company Name:			
Mailing Address:			
City:		State:	
Zip Code:		County:	
General Nature of Business & Products:			

Contact Name, Title:			
Phone:		Cell:	
Email:			

Owner or Responsible Official Name, Title:			
Phone:			
Email:			

Proposed Initial Plant Location:			
Nearest City:		Estimated Startup Date:	
County:			

Reason for Application:	<input type="checkbox"/> Permit to construct a new source		
	<input type="checkbox"/> Permit to operate an existing unpermitted source		
	<input type="checkbox"/> Permit to modify/revise an existing permitted source (identify the permit below)		
	Permit No.: _____		
	Issue Date: _____		
	Facility ID: _____		
<input type="checkbox"/> Check here to indicate you would like to review a draft permit prior to final issuance.			
Comments:			

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HOT-MIX ASPHALT PLANT INFORMATION

Manufacturer:		Model:	
Manufacture Date:		Type HMA Plant:	<input type="checkbox"/> Drum Mix <input type="checkbox"/> Batch Mix
Maximum Hourly Asphalt Production:	(tons/hour)		
Requested Annual Asphalt Production:	(tons/year)		
Burner Fuel Type:	(natural gas, #2 fuel oil, etc)		
Maximum Burner Fuel Usage Rate:	<input type="checkbox"/> scf/hour or <input type="checkbox"/> gallons/hour		
Type Air Pollution Control Device:	(baghouse, scrubber, etc.)		
Control Device Manufacturer:		Model:	
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Exhaust Flow Rate (acfm): _____ Stack Inside Diameter (ft): _____ Stack Exhaust Gas Temperature (°F): _____		

ASPHALT TANK HEATER

Fuel Type:	(natural gas, #2 fuel oil, etc)		
Maximum Fuel Usage Rate:	(units/hour) (units/year) <input type="checkbox"/> gallons <input type="checkbox"/> ft ³ <input type="checkbox"/> other:		
Type Air Pollution Control Device:	<input type="checkbox"/> MMBtu <input type="checkbox"/> HP		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Exhaust Flow Rate (acfm): _____ Stack Inside Diameter (ft): _____ Stack Exhaust Gas Temperature (°F): _____		

Is this an NSPS-affected facility? ☐ Yes ☐ No

To determine if the HMA facility is a New Source Performance Standards (NSPS)-affected facility, consider the following:

Were any of the following constructed or modified after June 11, 1973, such that the equipment becomes an affected facility as defined in 40 Code of Federal Regulations, Part 60, Section 90 (40 CFR 60.90) *Standards of Performance for Hot-Mix Asphalt Facilities*:

- Dryers
- Systems for screening, handling, storing, and weighing of hot aggregate
- Systems for loading, transferring, and storing of mineral filler
- Systems for mixing hot-mix asphalt
- Leading, transfer, and storage systems associated with emission control systems

Modification is defined in 40 CFR 60.14. The Code of Federal Regulations can be accessed from the website <http://www.gpoaccess.gov/cfr/>.

Has a performance test been conducted in accordance with 40 CFR 60.93 that demonstrates particulate matter emissions are less than or equal to 0.04 gr/dscf (grains per dry standard cubic foot) at the HMA stack?

☐ Yes ☐ No

If Yes, state the date the test was conducted: _____.

Provide a copy of the performance test results with this application if you want DEQ to consider it in determining the frequency of performance testing requirements for your hot-mix asphalt plant.

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ELECTRICAL GENERATOR SET INFORMATION (IF APPLICABLE)

Manufacturer:		Model:	
Maximum Rated Capacity:	<input type="checkbox"/> Hp <input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	<input type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	(hours/day)		
Maximum Annual Hrs. of Operations:	(hours/year)		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Inside Diameter (ft): _____		Stack Exhaust Flow Rate (acfm): _____ Stack Exhaust Gas Temperature (°F): _____

Manufacturer:		Model:	
Maximum Rated Capacity:	<input type="checkbox"/> Hp <input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	<input type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	(hours/day)		
Maximum Annual Hrs. of Operations:	(hours/year)		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Inside Diameter (ft): _____		Stack Exhaust Flow Rate (acfm): _____ Stack Exhaust Gas Temperature (°F): _____

☐ \$1,000 PTC application fee enclosed

Certification of Truth, Accuracy, and Completeness (by Responsible Official)

I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.

Responsible Official Signature

Responsible Official Title

Date

Print or Type Responsible Official Name